

C<sup>1</sup> 2. (Amended) A device according to claim 1, wherein the gas injection nozzle has a diverging region disposed downstream from the induction loop.

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C<sup>2</sup> 3. (Amended) A device according to claim 1, further comprising a heat exchanger and wherein at least one of said propellant fluids receives heat upstream from being injected into said injection chamber from said heat exchanger for cooling the nozzle and/or the injection chamber.

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C<sup>3</sup> 4. (Amended) A device according to claim 1, further comprising at least a first heat exchanger and wherein at least one of said propellant fluids feeds said at least a first heat exchanger for cooling the electricity generator.

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C<sup>4</sup> 6. (Amended) A device according to claim 5, further comprising a nuclear core which constitutes a heat source for a heat engine which is coupled to the electricity generator and at least a second heat exchanger and wherein at least one of said propellant fluids is supplied in cryogenic form and passes through said at least a second heat exchanger to constitute a heat sink for the heat engine.

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04 7. (Amended) A device according to claim 6, further comprising at least a third heat exchanger, and wherein at least one of said propellant fluids feeds through said at least a third heat exchanger which is heated by said nuclear core and which is disposed downstream from said second heat exchanger.

8. (Amended) A device according to claim 6, further comprising at least one pump for circulating and pressurizing at least one of said propellant fluids, said pump driven by said heat engine.

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